

Table 1: Significance table.

	Events <sub>a</sub> fter <sub>a</sub> lphat <sub>n</sub> jets <sub>a</sub> nd <sub>P</sub> FS <sub>L</sub> cuts	Events <sub>a</sub> fter <sub>a</sub> lphat <sub>n</sub> jets <sub>a</sub> nd <sub>S</sub> L <sub>cuts</sub>	Events <sub>a</sub> fter <sub>a</sub> lphat <sub>n</sub> jets <sub>r</sub> e <sub>a</sub> nd <sub>P</sub> FS <sub>L</sub> cuts	Events <sub>a</sub> fter <sub>a</sub> lphat <sub>n</sub> jets <sub>r</sub> e <sub>a</sub> nd <sub>S</sub> L <sub>cuts</sub>
QCD <sub>Pt15</sub>	0 +- 0	0 +- 0	0 +- 0	0 +- 0
QCD <sub>Pt30</sub>	0 +- 0	0 +- 0	0 +- 0	0 +- 0
QCD <sub>Pt80</sub>	0 +- 0	29.12 +- 16.81	0 +- 0	19.41 +- 13.73
QCD <sub>Pt170</sub>	3.822 +- 1.021	2.184 +- 0.7722	2.184 +- 0.7722	0.546 +- 0.3861
QCD <sub>Pt300</sub>	0.7901 +- 0.1012	0.09067 +- 0.03427	0.5052 +- 0.08089	0.02591 +- 0.01832
QCD <sub>Pt470</sub>	0.2147 +- 0.01719	0.001376 +- 0.001376	0.1486 +- 0.0143	0.001376 +- 0.001376
QCD <sub>Pt800</sub>	0.01292 +- 0.0006621	0 +- 0	0.00865 +- 0.0005417	0 +- 0
QCD <sub>Pt1400</sub>	0.0001256 +- 6.346e-06	0 +- 0	9.456e-05 +- 5.505e-06	0 +- 0
TTbar <sub>temp</sub>	18.51 +- 0.2666	19.57 +- 0.2741	11.71 +- 0.212	11.75 +- 0.2124
WJets <sub>temp</sub>	17.96 +- 1.208	18.85 +- 1.238	11.54 +- 0.9684	13.98 +- 1.066
ZJets <sub>temp</sub>	0.4493 +- 0.1834	0.07489 +- 0.07489	0.4493 +- 0.1834	0.1498 +- 0.1059
ww <sub>pat1</sub>	0.4239 +- 0.05716	0.4393 +- 0.05819	0.3006 +- 0.04814	0.2929 +- 0.04751
wz <sub>pat1</sub>	0.1896 +- 0.02389	0.2438 +- 0.02708	0.1444 +- 0.02085	0.1595 +- 0.02191
zz <sub>pat1</sub>	0.09132 +- 0.009573	0.1375 +- 0.01175	0.06322 +- 0.007965	0.09032 +- 0.00952
LM2mh <sub>temp</sub>	1.059 +- 0.00854	1.018 +- 0.008373	0.6736 +- 0.006811	0.6317 +- 0.006597
Significancy	0.1625	0.121	0.1295	0.09274
QCD Significancy	0.4813	0.1817	0.3992	0.1413